

RIVLIN, L. B.

RIVLIN, L. B. The maintenance of electrical equipment in shops.
Izd. 2., perer. Leningrad, Gos. energ. izd-vo, 1949. 363 p. (50-25569)

TK2189.R57 1949

RIVLIN, L.B.

[Maintenance of shop electric equipment] Obsluzhivanie tsekhnovogo
elektrooborudovani. Izd.3. Moskva, Gos. energeticheskoe izd-vo,
1953. 295 p. (MLBA 7:5)
(Electric machinery---Maintenance and repair)

RIVLIN, L.B.

AID P- 1918

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 23/25

Author : Rivlin, L. B.

Title : Axial dislocation of a rotor of an electric motor

Periodical : Energetik, no.2, 38, F 1955

Abstract : Answering an inquiry on the subject of axial dislocation of a rotor, the author states that this may happen when:
1) the shafts of the rotor and stator are not coaxial,
2) the teeth or pins of the couplings are worn, and
3) the driving mechanism's shaft connected rigidly with the rotor gets out of line but it will never occur because of faulty contact in the rotor circuit.
Three drawings.

Institution: None

Submitted : No date

ZHERVE, Georgiy Konstantinovich; RIVLIN, L.B., redaktor; ZABRODINA, A.A.,
tekhnicheskiiy redaktor

[Calculating the rewinding of asynchronous motors] Raschet asin-
khronnogo dvigatel'ia pri peremotke. Izd. 2-oe. Moskva, Gos. energ.
izd-vo 1956. 151 p. (MIRA 9:9)
(Electric motors, Induction)

RIVLIN, Lev Borisovich; SABININ, Yu.A., redaktor; ZABRODINA, A.A., tekhnicheskiiy redaktor

[The maintenance of electrical equipment in shops] Obsluzhivanie
tsekhovogo elektrooborudovaniia. Izd. 4-oe, perer. i dop. Moskva,
Gos. energ. izd-vo, 1956. 284 p. (MLRA 9:12)
(Electric machinery--Maintenance and repair)

RIVLIN, Lev Borisovich; ZIMIN, V.I., redaktor; ZABRODINA, A.A., tekhnicheskiy redaktor.

[Installation of large electric machines] Montazh krupnykh elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1956. 412 p. (MIRA 9:5)
(Electric machinery)

GRANSKIY, Viktor Isidorovich; KOMAROV, V.B., prof., doktor tekhn.nauk, retsenzent; POZIN, M.Ye., prof., doktor khim.nauk, retsenzent; TUMAREV, A.S., prof., doktor tekhn.nauk, retsenzent; KARPOV, V.G., dotsent, kand.tekhn.nauk, retsenzent; BLYUMBERG, V.A., kand.tekhn.nauk, retsenzent; BESPALOV, I.V., inzh., retsenzent; RIVLIN, L.B., inzh., retsenzent; ANSEROV, M.A., kand.tekhn.nauk, obshchiy red.; VOLOSHIN, D.A., red.; TOLOCHINSKAYA, B.M., bibliogr.red.

[Guide to technical reference books] Putevoditel' po tekhnicheskim spravochnikam. Pod obshchei red. M.A.Anserova. Leningrad, Gos. publichnaya biblioteka im. M.E.Saltykova-Shchedrina, 1958. 334 p. (MIRA 12:8)

(Bibliography--Technology)

ZHERVE, Georgiy Konstantinovich; LYUTER, R.A., doktor tekhn.nauk, retsenzent; RIVLIN, L.B., inzh., red.; SOBOLEVA, Ye.M., tekhn.red.

[Industrial testing of electric machinery] Promyshlennye ispytaniia elektricheskikh mashin. Izd.2., perer. Moskva, Gos.energ.izd-vo, 1959. 504 p. (MIRA 13:2)
(Electric machinery--Testing)

GEMKE, Rudol'f Georgiyevich; RIVLIN, L.B., inzh.[deceased];
RIVLIN, L.B., red.; ZHITNIKOVA, O.S., tekhn. red.

[Faults in electrical machines] Napispravnosti elektricheskikh mashin. Izd.6., podgotovlennoe inzh. L.B.Rivlinym.
Moskva, Gosenergoizdat, 1963. 246 p. (MIRA 16:7)
(Electric machinery--Maintenance and repair)

7. 1991. *Journal of the American Water Resources Association*, 27: 101-110.

General immunologic reactivity of the body in eczylodema.
Vestn. derm. i ven. 38 no. 3:16-17. Mar '64.

(MIRA 18:4)

[illegible]

SPIVAK, M.Ya.; ARGUDAYEVA, N.A.; NABIYEV, E.G.; CHISTOVICH, G.N.;
 RIVLIN, M.I.; SEMENOV, M.Ya.; KRUGLIKOV, V.M.; SHAL'NEVA, A.M.;
 TITROVA, A.I.; RAYKIS, B.N.; MILYAYEVA, Ye.N.; BRUDNAYA, E.I.;
 GODINA, I.F.; VOL'FSON, G.I.; SOSONKO, S.M.; KOLESINSKAYA, L.A.;
 VYSOTSKIY, B.V.; MALYKH, F.S.; MIROTVORTSEV, Yu.I.; SYCHEVSKIY,
 P.T.; GOPACHENKO, I.M.; KARPITSKAYA, V.M.; FETISOVA, I.A.;
 MARTYNYUK, Yu.V.; EMDINA, I.A.

Annotations. Zhur. mikrobiol., epid. i immun. 40 no.3:128-131
 Mr '63. (MIRA 17:2)

1. Iz Kemerovskogo meditsinskogo instituta i Kemerovskoy
 klinicheskoy bol'nitsy No.3 (for Spivak, Argudayeva). 2. Iz
 Kazanskogo instituta usovershenstvovaniya vrachey imeni
 Lenina (for Nabiyeu). 3. Iz Leningradskogo kozhnogo dispansera
 No. 1 (for Chistovich, Rivlin). 4. Iz Rostovskoy oblastnoy
 sanitarno-epidemiologicheskoy stantsii (for Semenov). 5. Iz
 Stavropol'skogo instituta vaktsin i syvorotok (for Kruglikov,
 Shal'neva, Titrova, Raykis). 6. Iz Kuybyshevskogo instituta
 epidemiologii, mikrobiologii i gigiyeny i Tsentral'nogo insti-
 tuta usovershenstvovaniya vrachey (for Milyayeva). 7. Iz
 Vsesoyuznogo nauchno-issledovatel'skogo instituta zhelezn-
 dorozhnoy gigiyeny Glavnogo sanitarnogo upravleniya Minis-
 terstva putey soobshcheniya i Detskoy polikliniki st. Lyublino

(Continued on next card)

RIVLIN, M.I.

Antitoxic immunity in staphyloderma. Vest. dermat. i ven. 36
no.10:13-16 0'62 (MIRA 16:11)

1. Iz kozhno-venerologicheskogo dispansera No.18 (glavnyy
vrach N.A.Yershova) Leningrada i otdela mikrobiologii (zav.
chlen-korrespondent AMN SSSR V.I. Ioffe) Institut ~~biologicheskoy~~
mental'noy meditsiny (dir. - deystvitel'nyy chlen AMN SSSR
D.A.Biryukov) AMN SSSR.

*

ROBUK, N.N., inzh.; PUPKO, T.Ye., inzh.; RIVLIN, M.I., inzh.

Determination of rated conditions for the choice of the oil
pressure systems of hydraulic turbines. Energomashinostroenie
9 no.10:11-12 O '63. (MIRA 16:10)

ABRAMOVA, L.I., kand.tekhn.nauk; BENIN, V.L., kand.tekhn.nauk;
ARTYUKH, S.F., inzh.; LITOVSKIY, Yu.A., inzh.; POTAPOVSKIY, I.Ya.,
inzh.; RIVLIN, M.I., inzh.

Electrohydraulic regulator for a hydraulic turbine.
Energomashinostroenie 8 no.10:10-22 0 '62. (MIRA 15:11)
(Hydraulic turbines)

S/206/62/000/004/001/001
1009/1215

AUTHOR. Rivlin, M. I.
TITLE. Bactericidal properties of the skin (Review of literature)
PERIODICAL Vestnik dermatologii i venerologii, no. 4, 1962, 27-32

TEXT More than 60 years ago Sabouraud indicated that the skin possesses defensive properties against bacteria by virtue of its natural desquamation. Mechnikov assumed that phagocytosis causes destruction of bacteria not only in the dermis but also in the epidermis. It is known that the skin is never sterile. Nikol'sky in 1893 was able to isolate 20 strains of bacteria from the skin and Vigura in 1895 found quantitative differences in bacteria present in various areas of the body surface. Preiss distinguished two groups of skin flora: (1) Residents which are permanently present in the skin and cannot be removed completely by sterilisation measures. This group includes staphylococci, hemolytic streptococci and diphtheria bacillus. (2) Transients — which gain entry from the exterior or from mucous membranes and are easily removed from the skin. This group includes many bacteria both parasitic and saprophytic. Montgomery demonstrated that the skin of diabetic patients possesses weakened bactericidal properties. Arnold et al. pointed out the rapid disappearance of bacteria from the skin. They called this "autodisinfection" and considered this a specific property of the skin. Other workers held that the skin does not possess such specific properties but that the bacteria are destroyed following drying of the skin. They proved these assertions by comparative trials on bacterial death in the

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Bactericidal properties of..

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skin of various animals and on glass slides. Most investigators have concluded that bacterial destruction depends not on the skin's antibacterial properties but on non specific exogeneous factors. Marchionini related bacterial death in the acid reaction of the skin. This assumption was confirmed by other workers. Pervushina established that the bactericidal properties of the skin were more marked against less common forms of bacteria. The author points out the various opinions about the bacterial mechanism of the skin and recommends further studies. There are 62 references.

SUBMITTED September 21, 1962

Card 2/2

CHISTOVICH, G. N., doktor med. nauk; RIVLIN, M. I.

Study of the role of exogenous infection in the development of
staphylodermatitis. Vest. dermat. i ven. 36 no.7:32-34 J1 '62.
(MIRA 15:7)

1. Iz kozhno-venerologicheskogo dispansera No. 18 Leningrada
(glavnyy vrach N. A. Yershova) i otdela mikrobiologii (zav. -
chlen-korrespondent AMN SSSR V. I. Ioffe) Instituta eksperimental'-
noy meditsiny AMN SSSR (dir. - chlen-korrespondent AMN SSSR
D. A. Biryukov).

(STAPHYLOCOCCAL DISEASE) (SKIN-DISEASES)

RIVLIN, M. I.

Bactericidal properties of the skin; survey of the literature.
Vest. dermat. i ven. no. 4:27-32 '62. (MIRA 15:4)

1. Iz kozhno-venerologicheskogo dispansera No. 18 Leningrada
(glavnyy vrach N. A. Yershova) i kafedry mikrobiologii (zav. -
doktor meditsinskikh nauk G. N. Chistovich) Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (dir. - prof.
A. Ya. Ivanov)

(SKIN)

ROBUK, N.N., inz.; RIVLIN, M.I., inzh.

New design of servomotors for the distributor of hydraulic
turbines. Energomashinostroenie 7 no.10:37-39 0 '61.
(MIRA 14:10)
(Servomechanisms) (Hydraulic turbines--Design and construction)

RIVLIN, Mordukh El'yevich; AFANAS'YEV, N.V., kand.istoricheskikh nauk,
red.; VLASOV, A.V., red.; TIKHONOVA, I.M., tekhn.red.

[Contribution of Leningrad workers to agriculture in the years
1953-1958] Leningradskie rabochie - sel'skomu khoziaistvu,
1953-1958 gg. Pod red.N.V.Afanas'eva. Leningrad, Lenizdat,
1958. 184 p. (MIRA 12:7)
(Leningrad Province--Collective farms)

AMPILOGOV, I.F., inzh.; GREBINCHENKO, L.S., inzh.; RIVLIN, V.M., inzh.

Underground drainage of an inclined shaft during sinking in water-bearing sand. Shakht. stroi. 9 no.2:25-27 F '65. (MIRA18:4)

1. Trest Nikopol'marganets (for Ampilogov, Grebinchenko). 2. TsNII-Gorosusheniye (for Rivlin).

RYLE, Y. I.

Konstruktsionnye metally i metalloizdeliia. Moskva, Oborongiz, 1947,
570 p., illus., plates.

Bibliography: p. 502-504.

Title tr.: Construction metal and metal products.

TA459. R5

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library
of Congress, 1955

SILKIN, Pavel Vasil'yevich; SOKOLOV, Yu.B., nauchnyy red.; RIVLIN,
Yu.I., red.; BOROVNEV, N.K., tekhn.red.

[Methods for extracting and storing clay in winter] Zimmie
sposoby dobychi i khraneniia gliny. Moskva, Gos.izd-vo lit-ry
po stroit., arkhitekt. i stroit.materialam, 1960. 174 p.
(Clay) (MIRA 13:4)

RIVLIN, IU. I.

Konstruktsionnye metally i metalloizdeliia. Moskva, Oborongiz, 1947.
570 p. illus., plates.

Bibliograpjy: p. 502-504

Structural metals and metal ware.

DLC: TA459.R5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

RIVLIN, M.I.

Immunological reactivity in staphylo~~derma~~. Vest. derm. i ven. 34
no.7:21-25 '60. (MIRA 13:12)

(STAPHYLOCOCCAL INFECTIONS)
(SKIN--DISEASES) (PYODERMA)

RIVLINA, A.I.; ADAMOV, L.S.

Silver plating in a cyanic electrolyte containing potassium
nitrate. Biul.tekh.-ekcn.inform.Gos.nauch.-issl.inst.nauch.
i tekh.inform. 16 no.10:35-36 '63. (MIRA 16:11)

110-S8-6-16/22
AUTHORS: Pomerants, I.I. and Rivlina, A.I., Engineers
TITLE: Corrosion-testing in Simulated Tropical Climatic
Conditions (Korrozionnyye ispytaniya, imitiruyushchiye
usloviya tropicheskogo klimata)
PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 6,
pp 62 - 65 (USSR).

ABSTRACT: Deliveries of electrical equipment to tropical countries have given rise to a number of problems and this article describes work that has been done at the Kharkov Electro-mechanical Works on tropical finishes for indoor equipment. The tests were carried out in a humidity cabinet with 95 - 98% relative humidity at 43 - 47 °C. The most severe conditions were imposed when the parts were maintained in the chamber for 7 days, then left under normal ambient conditions for 6 hours and then returned for a further 7 days in the humidity cabinet. The other test conditions that were used are also described. Smooth plated surfaces, for example, cadmium, were much better than rough ones; this factor is of even more importance than thickness of plating. It is proposed that the technical conditions for plating should include a number of categories of surface, ranging from cast

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110-58-6-16/22

Corrosion-testing in Simulated Tropical Climatic Conditions

and unworked to ground and polished; also, the surface condition should govern the kind and thickness of plating. Some, but not all, kinds of stainless steel are liable to corrode if the surface is rough and electro-polishing is recommended for such materials.

The formulation of the chromate passivating-solution affected the corrosion resistance of cadmium plating, the best solution being 25 g sodium dichromate, 20 g sodium sulphate and 20 ml nitric acid of s.g. 1.85. It was found beneficial to cover cadmium and zinc plating with lacquer or mineral oil. If flexible copper leads were plated with sufficient copper, silver or nickel to give protection, they became stiff. Passivation with chromium anhydride was useful but the best solution would be to plate the individual strands before laying-up. Cadmium-plated steel parts were not so corrosion-resistant as stainless steel Kh18N9T and were also

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Corrosion-testing in Simulated Tropical climatic Conditions

inferior to copper or copper-alloy parts plated with nickel, tin or chromium. On the basis of the above findings a number of recommendations are made about plating and surface finish.

ASSOCIATION: KLEMZ

SUBMITTED: January 11, 1958

Card 3/3 1. Electrical equipment--Corrosion

1. 1997年12月，在《中国环境报》发表署名文章《中国环境状况令人堪忧》，指出中国环境状况令人堪忧，呼吁全社会关注环境问题。

"The main principle of regulation of air temperature in the institute lens for young children."

presented at the 1941 All-Union Congress of Psychologists, Leningrad Institute of Psychology, 1940.

Washington, D.C., 1949.

RIVLINA, Kh. S

Temperature

Standardization of room temperature in infants' nurseries. Vop.pediat. i okrh. mat. i det.
20 No. 2, 1952.

Monthly List of Russian Accessions. Library of Congress, August 1952. UNCLASSIFIED

KHOKHLOV, V.V.; GRIGOR'YEVA, O.A.; RIVLINA, N.Ya.

Accuracy of the spectrum determination of the content of a series
of elements in metallometric samples. Zap. LGI 39 no.2:149-162
'61. (MIRA 15:2)

(Ores--Sampling and estimation)

RIVLIN, S. V.

RIVLIN, S. V. "The subcortical hyperkinetic syndrome in brain concussion", Trudy Veroneshch. oc. med. in-ta, Vol. XVIII, 1949, p. 160-65.

SO: U-4631, 10 Sept 53, (Letopis 'Zhurnal 'nykt Statey, No. 34, 1949).

RIVILIN, S. V.

RIVILIN, S. V. "The subcortical hypokinetic syndrome in brain concussion", Trudy Veroneshsk. gos. med. in-ta, Vol. XVIII, 1949, p. 153-60.

SO: U-4631, 16 Sept 53, (Letopis 'Zhurnal 'nykt Statey, No. 44, 1949).

RIVLIN, S. S.

RIVLIN, S. S. "Eyes-pupil syndrome in cerebral tumorous processes", Trudy Vrachevsk. Soc. Med. 1-2a, Vol. XIII, 1949, p. 67-68.

SS: 1-1011, 1011pt 51, (Istoria Vrachevsk. Med. Soc. 11, 1949).

RIPLER, S. V.

RIPLER, S. V. "Visceral syndromes in concealed skull traumas", Trudy Voronezhsk. gos. med. in-ta, Vol. XVIII, 1949, p. 63-67.

Co: U-4631, 16 Sept 53, (Letopis 'Zhurnal 'nykt Starey, No. 24, 1949).

MASLENNIKOVA, N.L.; YAKUBOVICH, S.V.; SANZHAROVSKIY, A.T.; RIVLINA, Yu.L.;
Prinimali uchastiye: EMMANUILOV, Yu.M.; KRUCHININA, G.I.;
ZAYTSEVA, L.V.

Internal stresses developed in the process of formation
and aging of nitrocellulose coatings. Lakokras.mat.i ikh prim.
no.1:15-18 '63. (MIRA 16:2)

(Paint materials)
(Strains and stresses)

RIVLINA, Yu.L.; MALINSKIY, Yu.M.; YAKUBOVICH, S.V.; Prinimali uchastiye:
LARINA, A.N.; YEVINZON, I.I.

Investigating the processes of aging of lacquer and paint
coatings. Report No.1. Investigation of the aging process
of alkyd and alkyd-melamine coatings. Lakokras. mat. 1 ikh
prim. no.6:31-35 '61. (MIRA 15:3)
(Protective coatings)

RIVLINA, Yu.L.; SURIKOV, I.V.; YAKUBOVICH, S.V.

Methods of determining the elongation strength of paint coatings
in folding. Lakokras.mat.i ikh prim. no.3:69-71 '62. (NIRA 15:7)
(Paint materials—Testing)

YAKUBOVICH, S.V.; RIVLINA, Yu.L.; MASLENNIKOVA, N.L.

Aging of paint and lacquer coatings (brief survey of the literature).
Lakokras.mat. i ikh prim. no.1:88-95 '60. (MIRA 14:4)
(Paint materials) (Protective coatings)

YAKUBCVICH, S.V.; RIVLINA, Yu.L.; MASLENNIKOVA, N.I.

Study of the mechanical properties and stability of protective
coatings in the process of aging. Lakokras.mat.i ikh prim. no.3:
19-22 '60. (MIRA 14:4)

(Protective coatings--Testing)

LARONCO, G.F.; MESEYEV, N.M.; RYAN, V.Ya.

possibility of using various methods for the determination of metals
in underground waters of increased mineralization. Vest. LGU 20
no. 18 '65 Sibiria geologii i geografii no. 3:10-44

(MIRA 18:10)

BOSENKO, I.I.; RIVNYI, B.S.

Experience in the operation of carbonating towers. Khim.prom.
no.5:309 JI-Ag '57. (MIRA 10:12)
(Soda industry)

RIVNYI, Petr Kornilovich; BARAKOV, G., red.; DATRIYEVA, Ye.U., tekhn.
red.

[North Ossetian Economic Administrative Region and prospects for
its development] Severo-Osetinskiy ekonomicheskii administrativ-
nyi raion i perspektivy ego razvitiia. Ordzhonikidze, Severo-
Osetinskoe knizhnoe izd-vo, 1961. 38 p. (MIRA 15:5)
(North Ossetia--Economic policy)

POLYAK, E.A.; STREL'NIKOVA, N.P.; PAVLOVA, V.N.; RIVNYY, V.S.; ONUFRIYENOK,
I.P.; SOKOLOVICH, V.B.; LEKHOVITSKIY, I.N.; ALEKSANDROVA, Ye.N.;
CHERNUKHA, G.N.

Brief reports. Zav.lab. 25 no.2:162-163 ' 59. (MIRA 12:3)

1. Sverdlovskiy zavod khimicheskikh reaktivov (for Polyak). 2. Noril'-
skiy gorno-metallurgicheskiy kombinat (for Strel'nikova, Pavlova).
3. Slavyanskiy sodovyy kombinat (for Rivnyy). 4. Tomskiy politekhniche-
skiy institut (for Onufriyenok, Sokolovich). 5. Khar'kovskiy elektrotekhnich-
skiy zavod (for Lekhovitskiy, Aleksandrova). 6. Moskovskiy mashinostroitel'-
nyy zavod (for Chernukha).

(Chemistry, Analytical)

RIVOLA, Jan, inz.

Area power dispatching systems, automation, and tele-
mechanization in the Soviet Union and Czechoslovakia.
Energetika Cz 14 no. 4: 168-170 Ap '64.

1. Jihomoravske energeticke zavody National Enterprise,
Brno.

CZECHOSLOVAKIA

Milan NIVOLA, Southern Bohemian Museum (Jihoceske muzeum,) Ceske Budejovice.

"Strains of *Anthyllis vulneraria* L. in the Tatra Mountains."

Bratislava, Biologia, Vol 16, No 6, 1963; pp 472-476.

Abstract : Description of morphology and habitats of 2 main strains of this small wild flowering plant: *A. v.* ssp. *kernerii* (Sag.) Dom., and *A. v.* ssp. *alpestris* (Kern.) Photograph, 3 drawings, 5 tables; 1 Czech and 1 Polish reference.

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RIVOLTA, B.

✓*Polarization-Voltage Measuring Methods.—II.—III. R. Piontelli, G. Bianchi, U. Bertocci, C. Guerol, and B. Rivolta (*Z. Elektrochem.*, 1954, 58, (1), 54-84; (2) 86-97; *Chim. Ind. (Milan)*, 1952, 56, 86; *M.A.*, 20, 283. [II.—] A theoretical study of the errors involved in overvoltage measurements by direct and liq.-probe methods. A description is given of working with model electrochem. systems of low polarization. This permits the prediction of previously developed theory and extrapolation to zero in methods with capillaries placed at various distances from the electrode surface. Experimental verification is found for conclusions drawn from previous work. [III.] A description of cell and circuit arrangements for the direct measurement of polarization voltages is given. Oscillograms obtained with the apparatus are shown.

—E. A. B.

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STEINBERG, G.S.; RIVOS, L.A.; CIRKOV, A.M.

Magnetic charting in the Avacha, Sopka volcano group region in Kamchatka. Analele geol geogr 17 no.1:66-74 Ja-Mr '63.

ANDREYEV, B.A.; RIVOSH, L.A.

Increasing the geological effectiveness of aeromagnetic surveying.
Sov.geol. 6 no.8:116-118 Ag '63. (MIRA 16:9)

1. Vsesoyuznyy geologicheskii institut i Zapadnyy geofizicheskii
trest.

(Aeronautics in Surveying)

RIVOSH, L.A.

Tectonics of the Kamchatka Peninsula and the bottom of adjacent
sea areas according to geophysical data. Geol. i geofiz. no.6:
30-48 '63. (MIRA 19:1)

1. Soyuznyy zapadnyy geofizicheskiy trest, Leningrad. Submitted
December 1, 1961.

RIVOSH, L.A.

Geological interpretation of the geophysical anomalies
in the Tigil' district of West Kamchatka. Zap. LGI 46
no.2:87-95 '63. (MIRA 17:6)

ARTAMONOV, L.V.; RIVOSH, L.A.

Results of the combined use of aerial electric prospecting and
aerial magnetic surveying in the Baltic Crystalline Shield.
Sov. geol. 4 no.8:98-105 Ag '61. (MIRA 16:7)

1. Zapadnyy geofizicheskiy trest.
(Baltic Shield—Aeronautics in geology)

1. *Geological study of the island of Leningrad. Geol. i geofiz. no. 7. 1933*

(MIRA 18.8)

2. *Geological study of the island of Leningrad. Geol. i geofiz. no. 7. 1933*
3. *Geological study of the island of Leningrad. Geol. i geofiz. no. 7. 1933*

RIVOSH, L.A.

Some geophysical data on the subsurface structure of the central Kamchatka Depression. Sov. geol. 6 no.2:17-24 P '63. (MIRA 16:4)

1. Soyuznyy zapadnyy geofizicheskiy trest.
(Kamchatka Depression—Geology, Structural)

SHTEYNBERG, G.S.; RIVOSH, L.A.; CHIRKOV, A.M.

Magnetic survey in the region of the Avacha group of volcanoes in
Kamchatka. Geol.i geofiz. no.2:101-108 '62. (MIRA 15:4)

1. Kamchatskaya geologo-geofizicheskaya observatoriya Sibirskogo
otdeleniya AN SSSR, Petropavlovsk-Kamchatskiy.
(Kamchatka--Geological surveys)
(Kamchatka--Magnetism, Terrestrial)

S/169/62/000/009/044/120
D228/D307

AUTHORS: Shteynberg, G. S., Rivosh, L. A. and Chirkov, A. M.
TITLE: Magnetic survey in the vicinity of the Avachinskaya group of volcanos in Kamchatka
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 37, abstract 9A247 (Geologiya i geofizika, no. 2, 1962, 101-108)

TEXT: A magnetic survey, which included airborne (ΔT) and ground (Δz) magnetic observations, was made in 1959-1960 near the Avachinskaya group of volcanos. The procedure is described, and the results of the airborne and ground magnetic surveys are analyzed in detail. The authors also give a map of the ΔT graphs for the area of the Avachinskaya group of volcanos, a picture of the anomalous field above the meridional fault near the Karymskiy Volcano, and the Δz isodynamic lines on the Avachinskaya Volcano's active cone. Conclusions are drawn regarding the study area's geologic-tectonic structure. /Abstracter's note: Complete translation.7

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TIKHONOV, V.I.; RIVOSH, L.A.

New data on the tectonic pattern of southern Kamchatka based on geological and aeromagnetic studies. Izv. AN SSSR. Ser. geol. 26
no. 6: 59-67 Je '61. (MIRA 14:6)

1. Geologicheskii institut AN SSSR, Moskva.
(Kamchatka--Geology, Structural)

S/169/62/000/003/011/098
D228/D301

AUTHORS: Artamonov, L. V. and Rivosh, L. A.

TITLE: Trial complex application of aereoelectrical prospecting and aeromagnetic surveying in the geologic conditions the crystalline Baltic Shield / Abstracter's note: Read 'v' for 'i' in the Russian title, otherwise translate by 'and the geologic ...' instead of 'in the ...' /

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 3, 1962, 19, abstract 3A157 (Sov. geologiya, no. 8, 1961, 98-105)

TEXT: The authors give the results of aerosurvey operations, and also information on the magnetic and electrical properties of the area's rocks and ores. An aircraft of the ИЛ-14 (IL-14) type, on which an experimental АЭРИС (AERIS) aereoelectrical prospecting instrument and an АСГМ-25 (ASGM-25) aeromagnetometer were mounted, was used in the survey. The flight altitude was 150 - 200 m, the distance between profiles being 2 km. It is concluded that aere-

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KHARTEK, P. [Harteck, P.]; RIVS, R. [Reeves, R.]

New advances in the study of chemical reactions in the
atmosphere. Usp. khim. 32 no.7:882-895 J1 '63.

(MIRA 16:8)

22228-66 IJP(c)

ACC NR: AP6020820

SOURCE CODE: CZ/0045/65/000/002/0116/0125

AUTHOR: Riyechan, Beloslav-Riecan, B. (Bratislava)

ORG: Department of Mathematics and Descriptive Geometry, Civil Engineering Faculty,
Slovak Institute of Technology, Bratislava (Katedra matematiky a deskriptivnej
geometrie Stavebnej fakulty Slovenskej vypokej skoly technickej)

TITLE: Continuous extension of monotone functionals of a certain type

SOURCE: Matematicko-fizikalny casopis, no. 2, 1965, 116-125

TOPIC TAGS: functional equation, function analysis, integral function, measure
theory, continuous function

ABSTRACT: Let S be a lattice that satisfied specified conditions 1 and 2.
Let $+$ and $-$ be binary operations defined on S and satisfying

specified conditions 3-11. Let A be any sublattice of S closed
under the operations $+$ and $-$. It will be supposed that for each

$a \in S$ there exist $b, c \in A$ such that $b \leq a \leq c$. Let J_0 be any
finite real-valued function on A which satisfies the specified

conditions (I) - (V). The following theorem is proved: Let N
be the smallest σ -complete sublattice over A . Then there exists

an extension on N of the function J_0 (denoted by J) which satis-
fies specified conditions (I), (II) and (VI). The theorem on the extension of

the measure and the theorem on the extension of the integral are immediate corol-
laries of this theorem. Orig. art. has: 2 formulas. [Based on author's Eng.

abstract] [JPRS]

SUB CODE: 12 / SUBM DATE: 31Jan64 / ORIG REF: 001 / OTH REF: 003

SOV REF: 001

Card 1/1

23
B

L 32091-66 IJP(c)

ACC NR: AP6020635

SOURCE CODE: CZ/0045/65/000/003/0200/0205

AUTHOR: Riyechanova, Zdena--Riecanova, Z. (Bratislava)

18
B

ORG: Department of Mathematics and Descriptive Geometry, Electrical Engineering Faculty, Slovak Institute of Technology, Bratislava (Katedra matematiky a deskriptivnej geometrie, Elektrotechnická fakulta, Slovenská vysoká škola technická)

TITLE: Note on the ¹⁶sets that are regular under any Caratheodory outer measure

SOURCE: Matematicko-fyzikálny časopis, no. 3, 1965, 200-205

TOPIC TAGS: mathematic space, measure theory

ABSTRACT: A subset E of a metric space X is called absolutely measurable if it is measurable under any Caratheodory outer measure. It has been proved previously, under certain assumptions about X , that each absolutely measurable set E is regular under any Caratheodory outer measure m (e.g. $m(E) = \text{l.u.b. } \{m(G) : G \supset E, G \text{ open}\} = \text{g.l.b. } \{m(F) : F \subset E, F \text{ closed}\}$). In this article an analogous theorem for Caratheodory outer measures is proved in any locally compact Hausdorff space. An immediate corollary of this theorem is the well known statement that each Baire measure is regular. [Based on author's Eng. abstract] [JPRS]

SUB CODE: 12 / SUBM DATE: 07May64 / ORIG REF: 001 / OTH REF: 002

Card 1/1 *BLG*

MATSEK, Z. [Macek, Z.]; RIYEGROVA, Ye.

Unusual dissociation of gaze movement in disorder of the mesencephalon.
Zhur.nevr.i psikh. 59 no.11:1331-1336 '59. (MIRA 13:3)

1. Klinika nervnykh bolezney Karlova universiteta i kafedra nevro-
logii Instituta usovershenstvovaniya vrachey, Praga.
(MESENCEPHALON diseases)

RIYEKST, A. [Rieksts, A.]; DIMZA, J., red.; SAKIRYANOVA, N., red.; FREIMANIS, V.,
tekh. red.

[Dimension diagrams; calculation of permissible tolerances for machine
and apparatus parts] Izmeru kedes; racionalu pielaizu aprekinasana
masinu un aparatu detalam. Riga, Latvijas Valsts izdevnieciba, 1960.
199 p. [In Latvian]. (MIRA 14:12)
(Dimensional analysis) (Tolerance (Engineering))

ACC NR: AP7011846

SOURCE CODE: UR/0371/66:000:006/0040/0044

AUTHOR: Riekstinis, T. P. -- Riekstinsh, T.; Medovoy, A. I.; Kruchan, Ya.
Ya. -- Kruchan, J.; Borman, K. Ya.

ORG: Latvia State University im. P. Stuchka (Latviyskiy gosudarstvennyy universitet)

TITLE: Piezoelectric properties of Na sub 0.5 Bi sub 4.5 Ti sub 4 O sub 15

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 6, 1966, 40-44

TOPIC TAGS: piezoelectric property, piezoelectric ceramic, Q factor

SUB CODE: 20

ABSTRACT: A discussion of the piezoelectric properties of ceramic specimens of the ferroelectric $\text{Na}_{0.5}\text{Bi}_{4.5}\text{Ti}_4\text{O}_{15}$. It is shown that samples of this composition have stable piezoelectric properties over a wide temperature range. The piezoelectric properties are retained over 500°C. A calculation formula is presented for determining the difference in resonant and anti-resonant frequencies of the piezo-resonator in case of low mechanical Q-factor. These piezoceramics practically do not age. The authors thank V. Ya. Fritsberg for his interest in the work and D. A. Dzalbe for synthesizing the samples. Orig. art. has: 3 figures and 5 formulas. JPRS: 40,450

Card 1 1

S/044/63/000/002/003/050
A060/A126

AUTHOR: Riyekstyn'sh, E.

TITLE: On the asymptotic representation of certain integrals, which are functions of a large parameter

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 3 - 4, abstract 2B12 (Uch. Zap. Latv. un-t, 1961, v. 41, 5 - 23; summary in Latvian)

TEXT: We cite some of the theorems established. Theorem 1. Let

$$\Omega_1(x) = \int_0^{\infty} \Phi(xt) \varphi(t) dt.$$

Assume that the integral $v(\alpha) = \int_0^{\infty} t^{\alpha} \Phi(t) dt$ converges absolutely for all $\alpha \geq 0$, and $\varphi(t)$ satisfies the conditions: a) For $t \rightarrow 0$ $\varphi(t) \sim \sum_{k=0}^{\infty} a_k t^{\lambda_k}$, $\lambda_0 \geq 0$, $\lambda_{k+1} > \lambda_k \rightarrow \infty$.

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b) In every finite interval $\varphi(t)$ is bounded and integrable, and as $t \rightarrow \infty$.
 $\varphi(t) = O(t^\omega)$, $\omega \geq 0$. Then for $x \rightarrow \infty$

$$\Omega_1(x) \sim \sum_{k=0}^{\infty} \frac{a_k \gamma(\lambda_k)}{x^{\lambda_{k+1}}} \quad (1)$$

To the above integral it is possible to reduce the investigation of an integral of a more general form. Further, the author considers the case when the integral $\gamma(\alpha)$ starting with some α diverges, and $\Phi(t)$ has an oscillatory character. The following lemmata are demonstrated: A. For the function

$$F(t) = \int_0^t \Phi(\tau) d\tau$$

let there exist an $M > 0$ such that $|F(t)| < M$ for all $t \geq 0$, and $f(t) = f_1(t) - f_2(t)$, where $f_1(t)$ and $f_2(t)$ are monotonic non-increasing functions, and $f_1 \rightarrow 0$, $f_2 \rightarrow 0$ as $t \rightarrow \infty$. Then 1)

$$\int_0^{\infty} \Phi(xt) f(t) dt$$

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converges for all $x \geq x_0 \geq 0$ and 2)

$$\int_0^{\infty} \Phi(xt) f(t) dt = O(1/x) \text{ at } x \rightarrow \infty.$$

B. Let the function $\Phi(t)$ be bounded in $[T, \infty]$ and absolutely integrable in every finite interval $[0, \omega]$. Let the function $\Phi_2(t) \int_0^t \Phi(t) dt$ possess the same property, and $f(t)$ and $f'(t)$ are bounded and integrable in every finite interval. Here $f(t) = o(1)$ and $f'(t) = O(1/t^{1+\varepsilon})$ as $t \rightarrow \infty$, where $0 < \varepsilon < 1$. Then 1)

$$\int_0^{\infty} \Phi(xt) f(t) dt$$

converges; 2)

$$\int_0^{\infty} \Phi(xt) f(t) dt = O(1/x^{1-\varepsilon})$$

as $x \rightarrow \infty$. C. Let the integral $\int_0^{\infty} \Phi(\tau) d\tau$ and $\Phi(\tau) \rightarrow 0$ as $\tau \rightarrow \infty$

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exist, and $f(t) = f_1(t) - f_2(t)$, where $f_1(t)$ and $f_2(t)$ are monotonic non-increasing functions tending to finite limits as $t \rightarrow \infty$. Then the statements of lemma A are true. Theorem 4: Let: 1) the functions $\Phi(t)$ and $f(t)$ satisfy the conditions of one of the lemmata A, B, C; 2) there exist functions $\Phi_2, \dots, \Phi_{n+1}$ bounded in $[0, \infty]$, where $\Phi_k = \int \Phi_{k-1}(\tau) d\tau$, $\Phi_1 = \Phi$, such that $\Phi_k(t)$ and $f^{(k-1)}(t)$ satisfy for $2 \leq k \leq n+1$ the same conditions and 3) $f(0) = f'(0) = \dots = f^{(n-1)}(0) = 0$. Then

$$\int_0^{\infty} \Phi(xt) f(t) dt = o(1/x^n).$$

Yu.L. Rabinovich

[Abstracter's note: Complete translation]

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S/044/63/000/002/004/050
A060/A126

AUTHOR: Riyekstyn'sh, E.

TITLE: On raising the precision of calculations involving asymptotic series by the method of series transformation

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 7 - 8, abstract 2B31 (Uch. zap. Latv. un-t, 1961, v. 41, 107 - 124; summary in Latvian)

TEXT: From the theorems established we shall note, for example, the following: Theorem 1. If in the sector $\varphi_1 \leq \arg z \leq \varphi_2$ for $|z| \geq x_0 > 0$

$$f(z) \sim \sum_{k=0}^{\infty} \frac{a_k}{z^k}, \quad g_l(z) \sim \sum_{k=l}^{\infty} \frac{b_{lk}}{z^k},$$

where $a_k = \sum_{i=0}^k b_{ik}$, then for every natural n for $\varphi_1 \leq \arg z \leq \varphi_2$

$$f(z) \sim \sum_{l=0}^{\infty} g_l(z).$$

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Theorem 4. If for $\varphi_1 \leq \arg z \leq \varphi_2$

$$f(z) \sim \sum_{k=0}^{\infty} a_k / z^k,$$

where

$$a_k = c_k d_k \quad (c_k \neq 0),$$

then, setting

$$\delta_k = \sum_{l=0}^k (-1)^l \binom{k}{l} d_l = (-1)^k \Delta^k d_0, \quad \beta_{lk} = \binom{k}{l} c_k$$

and assuming that

$$G_l(z) \sim \sum_{k=l}^{\infty} \beta_{lk} / z^k,$$

we obtain

$$f(z) \sim \sum_{l=0}^{\infty} (-1)^l \delta_l G_l(z).$$

Theorem 5. Let $f(z) \sim \sum_{k=0}^{\infty} a_k / z^k$ for $\varphi_1 \leq \arg z \leq \varphi_2$ and let a system of functions $h_n(z) = O(1/z^n)$, $h_0(z) \equiv 1$ be chosen, where

$$1/z^k \sim \sum_{l=k}^{\infty} b_{lk} h_l(z).$$

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Then

$$f(z) \sim \sum_{l=0}^{\infty} c_l h_l(z),$$

where

$$c_0 = a_0, \quad c_l = \sum_{k=1}^l a_k b_{lk}.$$

If in theorem 4 one sets $a_k = (-1)^k$, then one obtains

$$G_l(z) = \frac{(-1)^l}{(1+z)^{l+1}} \quad \text{and} \quad f(z) \sim z \sum_{l=0}^{\infty} \frac{\delta_l}{(1+z)^{l+1}}$$

(Euler's transformation).. If in theorem 5 one sets $h_1(z) = \frac{1}{z(z+1)\dots(z+i-1)}$, then one obtains Stirling's transformation, and $b_{lk} = S_{l-k, i-1}$, where S_{lk} are Stirling numbers of the first kind, defined by the formula

$$a(a+1)\dots(a+n-1) = a^n + S_{1n}a^{n-1} + S_{2n}a^{n-2} + \dots + S_{n-1,n}a.$$

For $a_k = (-1)^k \bar{a}_k$ we have

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$$f(z) \sim \bar{a}_0 - \frac{\bar{a}_1}{z} + \sum_{l=2}^{\infty} \frac{c_l}{z(z+1)\dots(z+l-1)},$$

$$c_l = \sum_{k=2}^l (-1)^k \bar{a}_k S_{l-k, l-1}. \quad (1)$$

The series (1) is called a factorial series. As an example the author cites the function

$$\Omega(z, \alpha) = z \int_0^{\infty} \frac{e^{-tz} dt}{(1+t)^{\alpha}}.$$

for which we obtain

$$\Omega(z, \alpha) \sim \sum_{k=0}^{n-1} \frac{(-1)^k (\alpha)_k}{z^k} + \frac{(-1)^n (\alpha)_n}{z^n} \sum_{k=0}^{\infty} \frac{1}{z^k} G_k \left(\frac{\alpha+n}{z} \right), \quad (2)$$

where $(\alpha)_n = \alpha(\alpha+1) \dots (\alpha+n-1)$. Setting

$$z = v e^{i\phi} = v/\beta, \quad v = \alpha + n + h, \quad (\alpha+n)/z = \beta - h\beta/v,$$

we obtain

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$$\sum_{k=0}^{\infty} \frac{1}{z^k} G_k \left(\frac{a+n}{z} \right) = \varphi_0(\beta) + \frac{\varphi_1(\beta, h)}{v} + \frac{\varphi_2(\beta, h)}{v^2} + \frac{\varphi_3(\beta, h)}{v^3} + \dots \quad (3)$$

(the Airy expansion). The formulae for the φ_i are cited. The Airy expansion (3) is not asymptotic since for a given n , $\lim_{v \rightarrow \infty} h = \infty$. When $|h| < 1$ one

should take the remainder of the series at the smallest term. For $|h| > 1$ one should use instead of (3) the direct expansion (2) which is also more convenient in practice. For example, for $z = 1$, $\alpha = 2$ we have

$$\Omega(1, 2) = \int_0^{\infty} \frac{e^{-t} dt}{(1+t)^2} = 0.4036526377\dots$$

If one applies formula (2) with $n = 8$, taking 27 terms in the second sum, we shall obtain $\Omega(1, 2) = 0.4036526357$. Certain other expansions are also considered.

Yu.L. Rabinovich

[Abstracter's note: Complete translation]

Card 5/5

S/044/63/000/002/005/050
A060/A126

AUTHORS: Riyekstyn'sh, E., Ikauniyeks, E.

TITLE: Transformation of asymptotic series by the method of differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 8, abstract 2B32
(Uch. zap. Latv. un-t, 1961, v. 41, 125 - 137; summary in Latvian)

TEXT: In the sector $\sigma: |\arg z| < \pi/2 - \eta$, $0 < \eta < \pi/2$, for $|z| \geq R_0 > 0$ the authors consider the differential equation

$$L(y) = y'' - p(z)y' + q(z)y = f(z), \quad (1)$$

where $p(z)$, $q(z)$, and $f(z)$ are analytic in σ and as $z \rightarrow \infty$

$$p(z) \sim \sum_{k=0}^{\infty} \frac{a_k}{z^k}, \quad q(z) \sim \sum_{k=1}^{\infty} \frac{b_k}{z^k}, \quad f(z) \sim \sum_{k=-m+1}^{\infty} \frac{c_k}{z^k}$$

$a_0 \neq 0$, $c_{m+1} \neq 0$. Let $a_0 = 1$. The following theorem is demonstrated. Theorem 1. Equation (1) in the sector σ has a unique solution $y(z)$ satisfying

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Transformation of asymptotic series by the method A060/A126

the condition

$$\lim_{z \rightarrow \infty} z^m y(z) = \frac{c_{m+1}}{m+b_1}, \quad c_{m+1} \neq 0,$$

where

$$y \sim \sum_{k=m}^{\infty} d_k / z^k, \quad (2)$$

$$d_m = \frac{c_{m+1}}{m+b_1}; \quad d_k = \frac{1}{b+k} \left[c_{k+1} - k(k-1)d_{k-1} - \sum_{l=m}^{k-1} l d_l a_{k-l} - \sum_{l=m}^{k-1} d_l b_{k+1-l} \right], \quad k=m+1, m+2, \dots$$

Together with (2) the authors consider the expression

$$y = \sum_{k=0}^{n-1} \frac{d_k}{z^k} + \frac{d_n}{z^n} H_n(z), \quad d_n \neq 0. \quad (3)$$

Substituting expression (3) in equation (1) we obtain for $H_n(z)$ the differential equation

$$H_n'' - P_n(z) H_n' + Q_n(z) H_n = F_n(z). \quad (4)$$

Into equation (4) it is possible to introduce the auxiliary function $x = x(z)$ and seek a formal expansion $H_n(z)$ in the form

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$$H_n(z) \sim \sum_{k=0}^{\infty} \frac{g_k(z)}{z^k} \quad (5)$$

Theorem 2. Let the functions $g_k(x)$ in the sector σ be analytic functions and have the expansions

$$g_k(x) \sim \sum_{j=0}^{\infty} l_{kj}/x^j$$

and be chosen in such a way that the series (5) formally satisfy equation (1). The solution $H_n(z)$ of equation (4) uniquely determined, according to Theorem 1, by the conditions

$$\lim_{n \rightarrow \infty} H_n(z) = 1, \quad H_n(z) \sim \frac{1}{z^n} \sum_{k=0}^{\infty} \frac{d_{n+k}}{z^k}$$

may then, for any natural m be represented in the form

$$H_n(z) = \sum_{k=0}^{m-1} \frac{g_k(z)}{z^k} + O\left(\frac{1}{z^m}\right)$$

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Abstracter's note: Theorem 1 is a special case of D.P. Kostomarov's general theorem (RZhMat, 1956, 65780; 1958, 298).

Yu.L. Rabinovich

[Abstracter's note: Complete translation]

Card 4/4

RIYEKSTYN'SH, E. YA.

PA 187T44

USSR/Mathematics - Equations of Jul/Aug 51
Telegraphy

"Some Special Functions Applicable to the Solution of the Equations of Telegraphy," E. Ya. Rijekstyn'sh, Riga

"Prik Matemat i Mekh" Vol XV, No 4, pp 484-494

Author simplifies soln of telegraph eq by P. I. Kuznetsov (cf "Prik Matemat i Mekh" Vol XI, No 2, 5, 1947 and Vol XII, No 2, 1948), who applied Lommel functions of 2 imaginary arguments. Author substitutes independent variables of these functions by 2 new arguments. Submitted 3 Jan 51. *✓*

187T44

RIYEKSTYN, E. Ya.

RIYEKSTYN, E. Ya. -- "Method of Separation for a Generalized System of Telegraphic Equations." Latvian State U, 1952 (Dissertation for the Degree of Candidate of Physicomathematical Sciences)

SO: Izvestiya Ak. Nauk Latvivskoy SSR, No. 9, Sept., 1955

RIYEKSTYN'SH YE. YA.

USSR (600)

Laplace transformation

Several possibilities of solving a generalized system of telegraph equations by the Laplace transformation. Prikl mat. i mekh. 16 No 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195⁸₂. Unclassified.

USSR/Mathematics - Telegraph Equation Jan/Feb 53

"Special Functions Applicable to the Solution of the Telegraph Equation," E. Ya. Rizeksty'n'sh, Latvian State U, Riga

"Priklad Matemat i Mekhan" Vol 17, No 1, pp 125-132

In his previous work (ibid., 15, 4 (1951)) author discussed special functions derived from Lommel's functions. By means of these functions it is possible to express the solution of the telegraph eqs with various boundary conditions. Attempts to replace complex arguments by his special functions. Received 13 Nov 51.

242170

RIYEKSTYN'SH, E. J. (Riga)

Certain new formulae for Laplace transformations. Prikl. mat. i mekh.
17 no.6:761-768 N-D '53. (MLRA 6:12)

1. latviyskiy gosudarstvennyy universitet.
(Laplace transformation)

RIEKSTINS, E.J. (Riga)

On a polynomial applicable to the solution of telegraph equations.
Prikl. mat. i mekh. 18 no.6:738-744 N-D '54. (MLRA 8:3)

1. Latvyskiy gosudarstvennyy universitet.
(Polynomials) (Mathematical physics)

SHTEYNS, K.A. ; RIYEKSTYN'SH, E. Ya.

Diffusion of comets. Part 1. Astron.zhmr. 37 no.6:1061-1067 N-D
'60. (MIRA 13:12)

1. Astronomicheskaya observatoriya Latviyskogo gosudarstvennogo
universiteta.

(Comets)

RIYEKSTYN, Ya. P.

In Latvian

RIYEKSTYN, Ya. P. -- "Method of Evaluating Fruit-Berry Wines." Acad Sci Latvian SSR, Inst of Microbiology, 1953. In Latvian (Dissertation for the Degree of Candidate of Biological Sciences)

SO: Izvestiya Ak. Nauk Latvivskoy SSR, No. 9, Sept., 1955

RIEPA, A.G.

USSR A

2740. Reactions in silicate formation.—A. G. RIEPA (*Zh. prikl. Khim.*, Leningr., 27, 1184, 1955). 62

RIYER, N. I., inzh. po tekhnike bezopasnosti

Useful change in the bottom-opening mechanism of the excavator
bucket. Bezop. truda v prom. 6 no.9:32 S '62.

(MIRA 16:4)

1. Razrez "Shirokiy" kombinata Dal'vostugol'.

(Excavating machinery)

RIYEZIN', A.P.

Osteochondropathies and their therapy. Ortop., travm. i protez.
22 no.2:3-10 F '61. (MIRA 14:3)
(BONES--DISEASES) (CARTILAGE--DISEASES)

TERZIYEV, F.S. (Murmansk); RIYKONEN, A.N. (Murmansk)

Hydrometeorological service to the fishing industry in the Barents
Sea and the Atlantic Ocean. Meteor.i gidrol. no.8:39-41 J1
[i.e.Ag.] '62. (MIRA 15:7)
(Barents Sea--Meteorology, Maritime)
(Atlantic Ocean--Meteorology, Maritime) (Fisheries)

RIYKONEN, O.A.

Proterozoic geology of the shores of Lake Segozero (central Karelia). Trudy Kar. fil. AN SSSR no.26:3-15 '61.

(MIRA 14:7)

(Segoziro-Lake region—Geology, Stratigraphic)

RIYSPERE, U. R., Cand of Bio Sci -- (diss) "Ecological conditions for felling forest trees of drained swamp lands and corresponding methods of cultivating tree crops." Tartu, 1957, 31 pp (Academy of Sciences Estonian SSR, Department of Biological, Agricultural, and Medical Sciences), 134 copies (KL, 32-57, 93)

USSR/Pharmacology and Toxicology. Hypnotics and Sedatives

V-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 47041

Author : Riiv, Ya. Ya.

Inst : Tartu University

Title : Clinical Observations of Changes in the Acidity of Gastric Juice in the Prolonged Use of Hypnotics

Orig Pub : Tartu Ulikooli toimetised, Uch. zap, Tartusk. un-ta, 1957, vyp. 52, 172-183

Abstract : In 61 patients affected with diseases of the gastrointestinal tract, treated by medicamentous sleep therapy, the changes of the acidity (A) of gastric juice were determined. Most of the patients (47) suffered from gastric and duodenal ulcers. Veronal, medinal or barbamil were used in doses producing a sustained (12 to 16 hrs.) sleep. In order to obtain gastric juice, in 2/3 of the patients a fractional method of caffeine administration was used, and in 1/3, 8-10 units of insulin were introduced intravenously. As a result

Card : 1/2

RIYV, Ya.Ya., kand.med.nauk; KHANSON, Kh.M.

Use of dihydrochlorothiazide (hypothiazide). Vrach. delo no.1:
51-54 Ja '62. (MIRA 15:2)

1. Kafedra fakul'tetskoy terapii i patologicheskoy fiziologii (zav. -
dotsent K.Kh.Kyrge) Tartuskogo universiteta i Tartuskaya gorodskaya
klinicheskaya bol'nitsa.
(THIADIAZINE) (EDEMA)

RTYV, Ya.Ya., Cand Med Sci -- (diss) "Clinical observations in the study of the course of sleep and certain vegetative indicators, particularly in connection with the ^{administration} ~~application~~ of narcotics." [†]
Mosc, 1968, 30 p. (Partiz State Univ) 160 copies (PL, 27-58, 118)

- 220 -

S/O35/61/000/003/043/048
A001/A101

3.1550

AUTHOR: Riyves. V.

TITLE: Brightness distribution in the comet head

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 3, 1961, 63, abstract 3A568 ("Publikatsii Tartusk. astron. observ.", 1960, v. 33, no. 4, 281-288, Engl. summary)

TEXT: Assuming Maxwell distribution of initial speeds v of emitting particles ejected from the nucleus and the constancy of their acceleration, the author derives the formula for surface brightness i at a distance a from the nucleus: $i = a^{-1} \text{const exp}(-p/p_0)$, where p is parameter of parabolic envelope corresponding to velocity v , and p_0 is the same for the probable velocity v_0 . The formula was tested for values of i , a and p known from observations of the comets 1956 h, 1957 d, 1944 v, 1941 I and 1943 I. Fifty one values of p_0 are given for the visible images of the comets, and values of P_0 of the same parameter corrected for projection conditions are calculated. It was found that $P_0 \propto r^{-1.5}$ which could be expected in the case of the thermal motion of molecules. The values of P_0 , deter-

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A001/A101

Brightness distribution in the comet head

mined for various comets in the photographic and photovisual regions from brightness distribution in the coma and in the tail of the II type, do not reveal any systematic differences. There are 7 references.

O. Dobrovolskiy

[Abstracter's note: Complete translation]

Card 2/2

RIVKIND, V.Ya.; SAMOKISH, B.A.

Numerical solution to the problem of diffusion of matter
out of a falling droplet. Vest. LGU 20 no.19:165-166 '65.
(MIRA 18:10)

1. RITTS, V. G.
2. USSR (600)
4. Planets, Minor
7. Observations of minor planets at the Tartu Astronomical Observatory of the Academy of Sciences of the Estonian S.S.R. Astron. tsir. No. 131, 1952.
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

RAUDSAAR, Kh.K.; RIYVES, V.G.

Observations of minor planets at the Tartu Astronomical Observatory of the
Academy of Sciences of the Estonian S.S.R. Astron.tair. no.134:2 F '53.
(MLEA 6:6)

1. Tartuskaya Astronomicheskaya Observatoriya. (Planets, Minor)